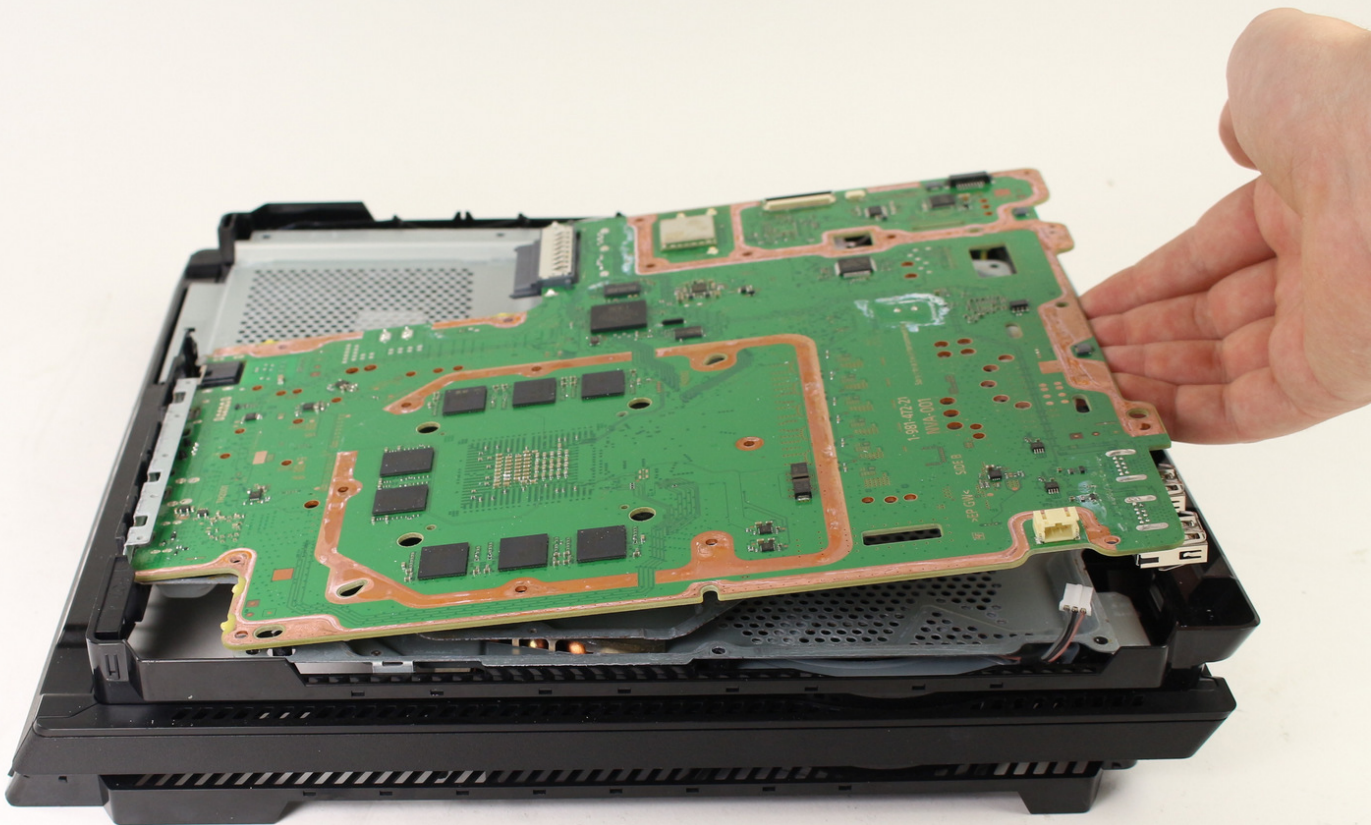




PlayStation 4 Pro Motherboard Replacement

This guide will show you how to replace your motherboard in your Playstation 4 Pro.

Written By: Thomas



INTRODUCTION

This guide will show the steps needed to remove the motherboard in the PlayStation 4 Pro. The motherboard has many small components that are rather delicate, careful handling is necessary. This guide has warranty-voiding disassembly.



TOOLS:

- [Phillips #0 Screwdriver](#) (1)
 - [T8 Torx Security Bit Screwdriver](#) (1)
 - [Phillips #1 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
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Step 1 — Hard Drive Caddy



- Flip the console upside down.
- Use your finger to pull and snap off the plastic cover over the hard drive.

Step 2



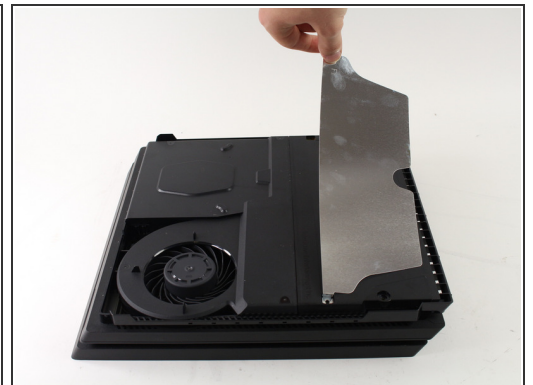
- Use a Phillips #0 Screwdriver to remove the single screw securing the hard drive caddy.
- Pull the hard drive caddy straight out.

Step 3 — Power Supply Assembly



- Flip the console right side up.
 - Grip the two corners located at the front of the device.
 - Pull upwards until a loud click is heard.
- i** This may require a lot of force, so do not be afraid to get a little rough with your console.
- After both corners detach, slide the cover backwards and lift off.

Step 4



- Use a T8 Torx Security screwdriver to remove five screws from the rear of the device.
 - Two 31mm screws.
 - Three 10mm screws.
- Remove the metal plate by pulling it up.

Step 5



- Flip the console over so the bottom is facing up.
- Use a T8 Torx Security screwdriver to remove the three black 7mm screws in the back panel.
- Remove the bottom cover in the same way as the top cover. Grip the cover on both sides and pull up until it clicks. Then slide the cover off.

Step 6

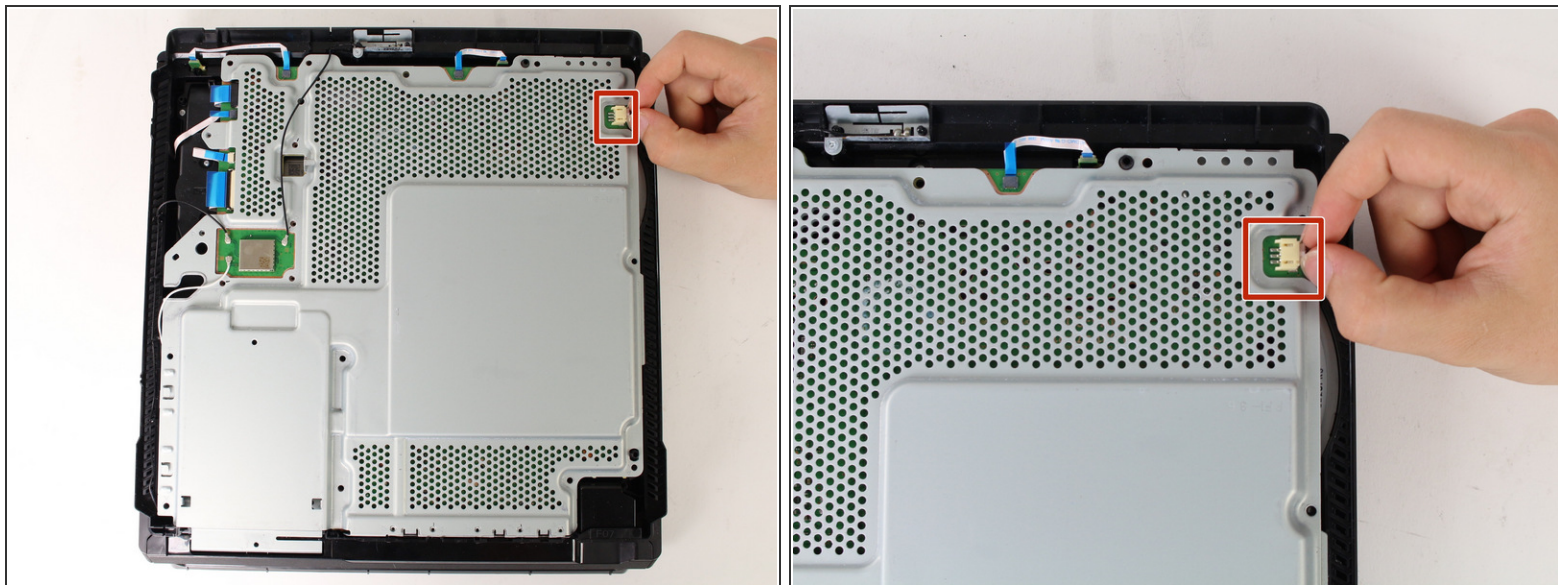


- Use a T8 Torx security screwdriver to remove the eleven 10mm silver screws from the metal plate.
- Use a Phillips #0 screwdriver to remove the eleven 4mm black screws from the metal plate.
- Pull off the three cables connected to the small portion of the motherboard showing through the metal plate.



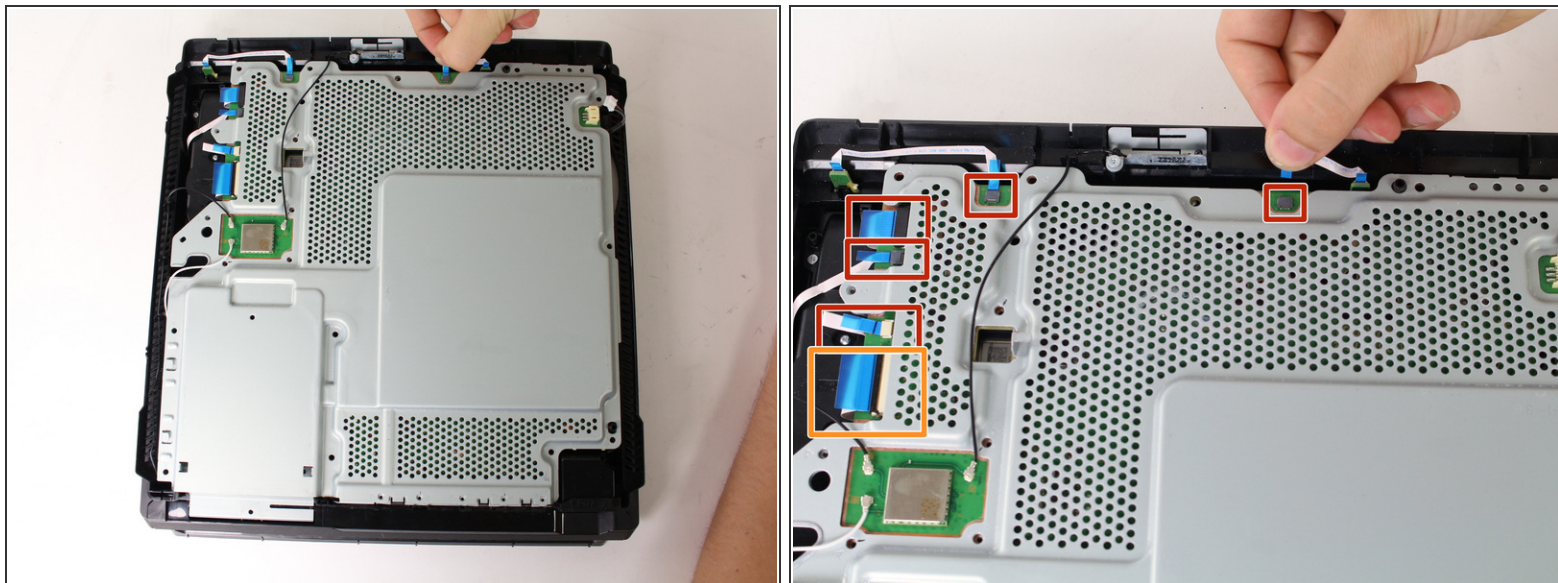
The cable connectors can be sharp.

Step 7



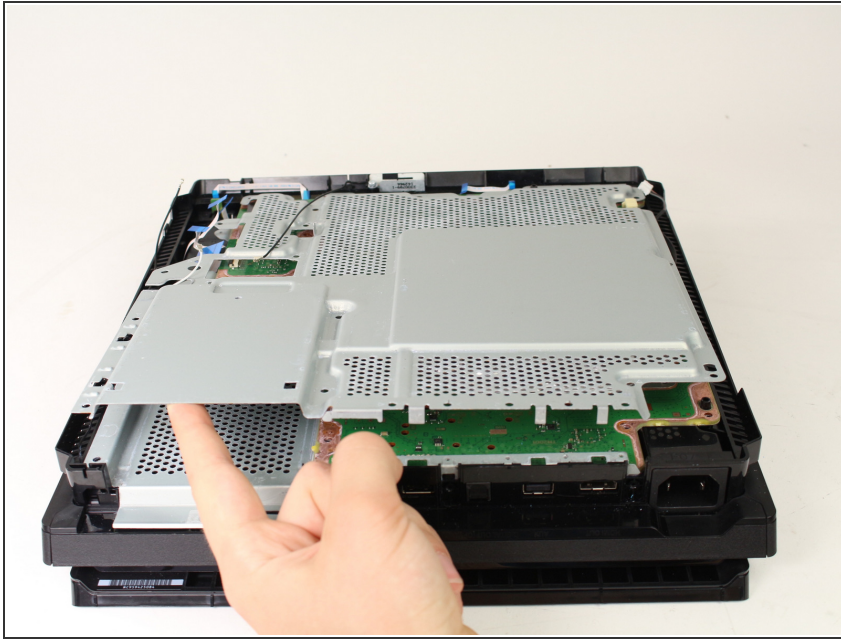
- Pull the white connector straight out of the yellow mount on the motherboard.

Step 8



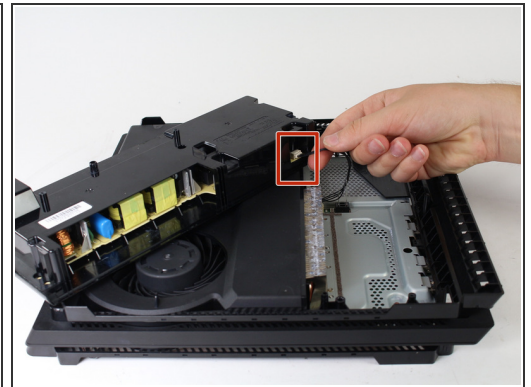
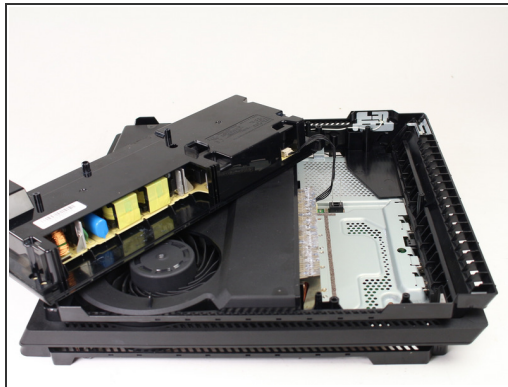
- Pull out the five small, blue low profile cables connected to the metal plate.
 - Lift the retaining flap on the ZIF connector of the large ribbon cable.
 - Pull the large ribbon cable from its socket.
- ⚠ Do not pull on the biggest blue cable without lifting the tab first. Doing so can damage the connection.

Step 9



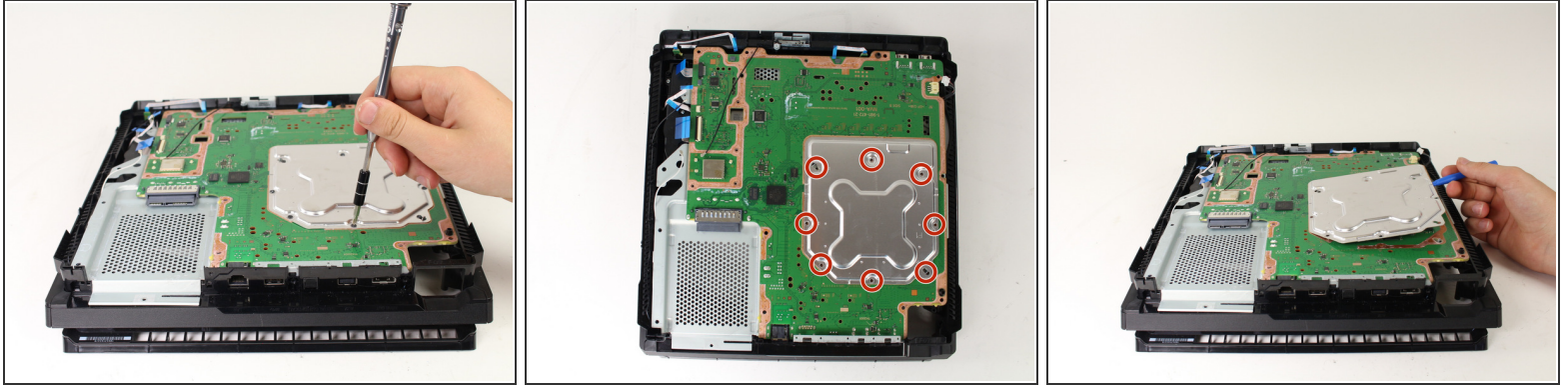
- Pull up and remove the metal plate.

Step 10



- Flip the console over to continue working on the top side.
- Pull up on the power supply unit and set it on the console.
- ⚠ Be careful not to pull too far, the assembly is still connected at one point.
- Grip the connector behind the power supply and pull straight out.

Step 11 — Motherboard



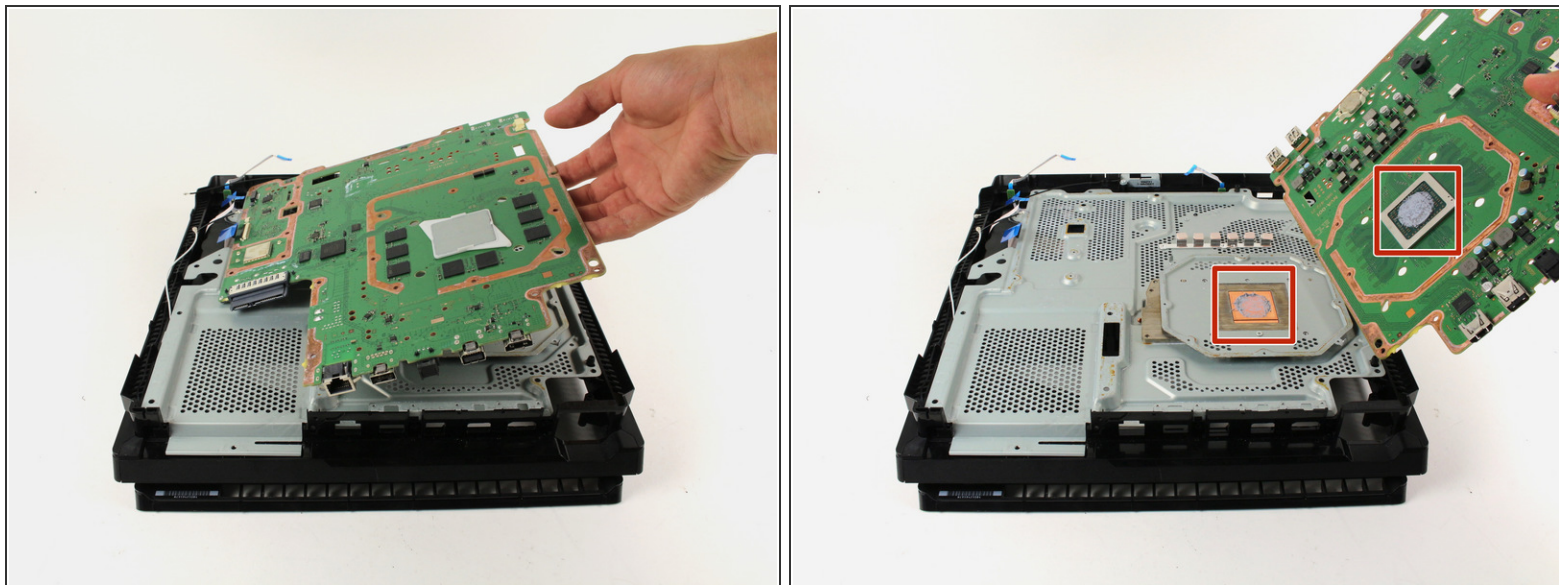
- Carefully flip the console over so the bottom is facing up.
- Use a Phillips #1 screwdriver to remove the eight 4mm screws on the metal plate with the X-like symbol.
- Use a plastic opening tool to remove the metal plate with the X-like shape.

Step 12



- Use a Phillips #1 screwdriver to remove the four 13mm screws on the X-shaped metal plate underneath.
- Grip the X-shaped retaining bracket and lift straight up.

Step 13



- Grip the edge of the motherboard and slowly lift upwards to remove it from the device.
- ✦ For reassembly, use [this guide](#) to reapply thermal paste between the motherboard and the metal plate underneath.

To reassemble your device, follow these instructions in reverse order.

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